|   | Index of Claims  |            |         |         |                    |                    |          |              |          |          |                              |            |          | - 1    | Application (16. |  |              |              |          |            |            |  |              |          |                   |                 |         |        |        |          |  |         |   |     |
|---|--|------------|---------|---------|--------------------|--------------------|----------|--------------|----------|----------|------------------------------|------------|----------|--------|------------------|--|--------------|--------------|----------|------------|------------|--|--------------|----------|-------------------|-----------------|---------|--------|--------|----------|--|---------|---|-----|
|   | 1 (18)(C) (18)(C) 18(C) 18 |            |         |         |                    |                    |          |              |          |          |                              |            |          | L      | 10/622,513       |  |              |              |          |            |            |  |              | FL       | JJIT              | ĪΑ              | ET      | AL     | •      |          |  |         | . |     |
|   |  |            |         |         |                    |                    |          |              |          |          |                              |            |          |        | Examiner         |  |              |              |          |            |            |  |              |          | Art Unit          |                 |         |        |        |          |  |         |   |     |
|   |  |            |         |         |                    |                    |          |              |          |          |                              |            |          |        | Vickey Ronesi    |  |              |              |          |            |            |  |              | 1714     |                   |                 |         |        |        |          |  | <u></u> |   |     |
|   |  |            |         |         |                    |                    |          |              |          |          |                              |            |          |        |                  |  |              |              |          |            |            | ·  |              |          |                   |                 | 1       |        |        |          |  |         |   |     |
|   | √ Rejected –   |            |         |         |                    |                    |          |              |          | (T       | (Through numera<br>Cancelled |            |          |        |                  |  | N            | Non-Elected  |          |            |            |  | Appeal       |          |                   |                 |         |        |        |          |  |         |   |     |
| • |  |            |         |         |                    | _                  |          | 1            | -        |          |                              |            |          |        | ┨                | <del>                                   </del> |              |              |          |            |            | H  | <del> </del> |          |                   |                 |         |        | - 1    |          |  |         |   |     |
|   | = Allowed  |            |         |         |                    |                    | d        |              | <u> </u> |          |                              | Restricted |          |        |                  |  | I Interferen |              |          | ren        | ce         |  | 0            | Objected |                   |                 |         |        |        |          |  |         |   |     |
| } | Cla  | Claim Date |         |         |                    |                    | e        |              |          |          | Ctalm                        |            |          |        |                  | Dat  | ė            |              |          | Ĺ          | Cla        | im   | <u> </u>     |          |                   | Dai             | le      |        |        | $\neg$   | ,  |         |   |     |
|   |  | =          | 4       |         | S                  |                    | ₹        | ভা           |          | ٦        | 7                            |            |          |        | Т                | Т  | T            | П            | П        | $\top$     | lſ         |  | =            | П        |                   | Т               | Т       | Т      | П      | $\sqcap$ | $\neg$   |         |   |     |
|   | Final  | Original   | 10/19/0 | 6/1/05  | 11/29/0            | 90/5/5             | 12-19    | 7-30-07      | ·        |          |                              | Final      | Original |        |                  |  |              |              |          |            |            | Final  | Original     |          |                   |                 |         |        |        |          |  |         |   |     |
|   |  | 主          | 1       | 7       | $\vdash$           | $\overline{\cdot}$ |          |              |          |          | ゴ                            |            | 51       |        | 1                | $\pm$  |              |              |          |            |            |  | 101          |          | 二                 | $\perp$         |         | 1      |        |          | コ  |         |   | l   |
|   |  |            |         | $\cdot$ | $\overline{\cdot}$ | $\overline{\cdot}$ |          | Ш            |          |          | 4                            |            | 52       | П      | 1                | 1  | $\perp$      | Ш            | $\perp$  | 4-         | 1 }        | _  | 102          | $\sqcup$ | $\dashv$          | 1               | 1       | 1      |        | П        | 4  |         |   | l   |
|   | Н  | -          | 4       | $\cdot$ | Ŀ                  | ŀ                  |          | $\vdash$     | -        | $\dashv$ | $\dashv$                     | -          | 53<br>54 | ┝╍┼    | +                | ╌┼╴  | ┿            | Н            | ╁        | +-         | 1          |  | 103<br>104   |          | $\dashv$          | ┽               | +-      | ╁      | ╁╌     | $\vdash$ | $\dashv$   |         |   | I   |
|   |  | 1          | 1       | H       | H                  | ŀ                  | ┢        | H            |          | $\dashv$ | $\dashv$                     |            | 55       |        | _                | +  | +            |              |          |            | lt         |  | 105          |          | _                 | _               | $\perp$ | †      |        |          | ┪  |         |   | .   |
|   |  |            | 1       | $\Box$  | $\overline{\cdot}$ | $\overline{\cdot}$ |          |              |          |          |                              |            | 56       |        | $\Box$           | 1  | I            | $\Box$       | $\Box$   |            |            |  | 108          | $\Box$   | $\Box$            | 1               |         |        |        | 口        | $\Box$   |         |   | . } |
|   |  | 1          | L       | 2       | Ŀ                  | ·                  | L        | Н            |          | _        |                              | <u> </u>   | 57<br>58 | Н      | +                | +  | ╁            | -            | $\vdash$ | +          | <b>∤</b>   |  | 107<br>108   | +        | $\vdash$          | +               | +-      | +-     | ╀      | $\vdash$ | {  |         |   |     |
|   |  | -8         | ├       | 2 2     |                    | ÷                  | ⊢        | Н            | -        | Н        | $\dashv$                     | -          | 59       | ┢═╅    | +                | +  | +            | -            | H        | +          | <b>{</b> } |  | 109          |          | $\vdash$          | ╅               | ╁       | ╁      | ╁      | $\vdash$ | ㅓ  |         |   |     |
|   | ┢  | 111        | ┢       | N       |                    |                    | ⇈        | Н            |          | М        | $\vdash$                     |            | 60       |        | _                | Ť  |              |              |          | 1          | 1 (        |  | 110          |          |                   | $\top$          | $\top$  | I      |        |          |  |         |   |     |
|   |  | #          |         | 1       |                    | Ŀ                  |          |              |          |          |                              |            | 61       |        | $\Box$           | $\Box$   | T            |              | П        | 1          | ] [        |  | 111          |          |                   | $\Box$          | $\bot$  | T      | Г      | П        | $\Box$   |         |   | •   |
|   | <u> </u>   | 12         | ₽_      | 1       | -                  | 1                  | 1        | $\mathbf{M}$ | -        | ┞┈       | Н                            | -          | 62       | ┥      | +                | +  | ╀            | ╄            | ┝┿       | +          | 1 }        |  | 112<br>113   |          | ┝┼                | +               | ╀       | ╁      | ╀╌     | ╁╌┨      | Н  |         |   |     |
|   | <b> </b> -   | 44         | 1       | ┝       | 1                  | ŀ                  | ├-       | Н            | _        | Н        | Η.                           | $\vdash$   | 63<br>64 | Н      | +                | ╅  | +            | ┿            | $\vdash$ | ╅          | 1          |  | 114          |          | Н                 | +               | +       | ╁      | ╁╴     | ┥┥       | Н  |         |   |     |
|   | ⊢  | 15         | F       | 一       | 1                  |                    | フ        | 1            | ř        | <b>—</b> | Н                            | <b> </b>   | 65       | 1      | _                | 1  | 1            |              |          |            | 1          |  | 115          |          |                   |                 |         | 1      |        | $\Box$   |  |         |   |     |
|   |  | 16         |         |         |                    |                    |          |              |          |          |                              |            | 66       | П      | $\Box$           | $\Box$   | Ţ.           | I            | П        |            | ] [        |  | 116          |          |                   | 7               | Д.      | Į.     | Γ      | $\Box$   | П  |         | • |     |
|   |  | 17         | L       | L       | _                  | L                  | 1        | <u> </u>     | ļ        | L        | Н                            | $\vdash$   | 67<br>68 |        | $\dashv$         |  | +-           | ┼-           | ╁┼       |            | 4 I        | _  | 117          |          | H                 | +               | ┿       | +      | ╀      | ⊢        | Н  |         |   |     |
|   |  | 18<br>19   | ┝       | ╁╌      | ╁                  | ⊢                  | ╁        | ╁╌           | $\vdash$ | H        | Н                            | $\vdash$   | 69       | ┥      | -                | ╌  | ╅            | ┿            | ╀        | +          | 1          | $\vdash$   | 119          |          | H                 | +               | ╅       | ╁      | +      | ╁╌       | H  |         |   |     |
|   | <del>   </del>   | 20         | t       | H       | ✝                  | H                  | ┢        | H            | ┢        | -        | H                            |            | 70       | П      |                  | _  |              |              |          |            | 1          |  | 120          |          |                   |                 |         | 1      |        |          |  |         | , |     |
|   |  | 21         |         |         |                    |                    |          |              |          |          |                              |            | 71       |        | $\Box$           | $\Box$   | $\perp$      | T            | П        | $\perp$    | ]          |  | 121          |          | П                 | 4               | 4       | $\bot$ | $\bot$ | $\vdash$ |  |         |   |     |
|   |  | 22         | L       | L       | L                  | 1                  | $\vdash$ | $\perp$      | L        | _        | Н                            | <b>!</b>   | 72<br>73 | Н      | +                | -  | +            | +-           | ₩        | +          | ┦│         |  | 122<br>123   |          | ┦                 | +               | +       | ╁      | ╁╌     | ╁╾       | Н  | I       |   |     |
| • | <u> </u>   | 23         | ┼-      | ╁┈      | ╁                  | ╀                  | ╁        | ╁            | ┝        | ╁        | Н                            | -          | 74       | Н      | -                | +  | ╁            | ┿            | $\vdash$ | ╅          | 1          |  | 124          |          | ╁                 | $\dashv$        | +       | ┿      | +-     | ╁        | Н  |         |   |     |
|   | <u> </u>   | 25         | t       | t       | +-                 | 十                  | +-       | $\vdash$     | H        | ┢        | H                            | <b> </b>   | 75       |        |                  | $\top$   | 1            | 1            |          |            | 1          |  | 125          |          | $\Box$            | T               | 1       | 1      | 1      |          |  | 1       |   |     |
|   |  | 26         |         |         |                    | Γ                  |          |              |          |          |                              |            | 76       | П      |                  | $\Box$   | 工            | $\perp$      | П        | $\perp$    | ן ן        |  | 126          |          |                   |                 | 4       | 1.     | L      | <u> </u> | Ц  | l.      |   |     |
|   |  | 27         | ┼-      | ╄       | ╀                  | ╀                  | ╀-       | ₩.           | -        | ├        | H                            | <u> </u>   | 77<br>78 | Н      | -                | +  | +-           | ┿            | H        | +          | ┨          |  | 127          |          | ┝┥                | +               | +       | +-     | +-     | ╁┈       | Н  |         | • |     |
|   | -  | 28<br>29   | ╁╴      | ╁       | ╁╼                 | ╁╌                 | ╁╌       | +-           | ⊢        | ╁        | H                            | -          | 79       | Н      | $\dashv$         | ┰  | ┿            | ╈            | ╁        | +          | 1 1        | <del> </del>                                     | 128          |          | 11                | +               | +       | +-     | +      | +        | Н  |         |   |     |
|   | ┢  | 30         | ╁╴      | ╁╴      | ╁                  | T                  | 1        | +            |          | 1        | H                            |            | 80       | П      |                  |  |              | 工            | $\Box$   | 工          | ]          |  | 130          |          |                   |                 | $\perp$ | 工      | İ      | 二        |  |         |   |     |
|   |  | 31         | oxday   | L       | Г                  | Γ                  | L        | lacksquare   |          |          | $\Box$                       | -          | 81       |        |                  | 7  | 1            | 1            | П        | 4          | 4!         | ļ  | 131          |          | Н                 | 4               | -       | 4      | +      | ╁—       | Ш  |         |   |     |
|   | <u> </u>   | 32<br>33   | ╀       | ╀       | ╀                  | ╀                  | ╄        | ╀            | -        | ┡        | Н                            | -          | 82<br>83 | Н      | $\vdash$         | -+   | ╫            | ╀            | H        | +          | ┨          | <del> </del>                                     | 132          |          | $\vdash$          | $\dashv$        | +       | ┿      | ╁      | ┿        | H  |         |   | •   |
|   | $\vdash$   | 34         | ╁       | ╁       | ╁                  | ╁                  | ╁╌       | ╁╴           | ┢        | ╁        | Н                            | -          | 84       | Н      | $\vdash$         | $\dashv$                                       | 十            | 十            | ⇈        | +          | 1          | <del>                                     </del> | 134          |          | H                 | -               | +       | 十      | 十      | 十        | Н  |         |   |     |
|   |  | 35         |         |         |                    | T                  |          |              |          |          |                              |            | 85       |        |                  |  |              | I            |          |            | ן [        |  | 135          |          |                   |                 |         | I      | I      | I        |  | ĺ       |   |     |
|   |  | 38         | Г       | Г       | $\top$             | Г                  | Τ        | L            |          |          | $\Box$                       |            | 86       | Н      |                  | 4  | 4            | 1            | Н        | 4          | -          |  | 138          |          | $\sqcup$          | $\dashv$        | 4       | +      | ╀-     | ╄-       | H  | l       |   |     |
|   | <b>—</b>   | 37         | ╄       | ╀╴      | ╁                  | ╀                  | ╀        | ╄            | ├        | ╀┈       | Н                            | -          | 87<br>88 | Н      |                  | +  | +            | ╁            | ╁┪       | ┿          | ┨          |  | 137          |          | Н                 | +               | +       | +      | ╫      | ╁╴       | -  |         |   |     |
|   | $\vdash$   | 39         | ۲       | ╁       | ╀                  | ╁                  | ╁        | +-           | ┢        | ╁╌       | Н                            | -          | 89       | Н      | H                | ╅  | 十            | 十            | Н        | <b></b>  - | 1          | ├──  | 139          |          | $\Box$            | $\Box$          |         | +      | T      | 十        | Н  |         |   |     |
|   |  | 40         | Ĺ       | L       |                    | I                  | T        |              |          | L        |                              |            | 90       |        |                  | $\Box$   | $\Box$       | I            |          |            | ]          |  | 140          |          |                   |                 | I       | I      | $\top$ | I        |  | ĺ       |   |     |
|   |  | 41         | L       | L       | F                  | L                  | L        | L            |          |          | $\Box$                       |            | 91       | $\Box$ | Щ                | 4  | +            | +            | $\sqcup$ | 4          | 4          | <u> </u>   | 141          |          | ╁┤                | $\vdash \vdash$ | +       | -      | +      | +        | ₩  |         |   |     |
|   |  | 42         |         | ╀       | ╀                  | ╁                  | ╁        | ╁╌           | ┝        | ╀        | H                            | -          | 92<br>93 |        | $\vdash$         | -+   | ╌            | ┿            | ╁╌╂      |            | 1          | -  | 143          |          | $\vdash$          | ├-┼             | ┿       | +      | +      | +-       | ╁┤   |         |   |     |
|   | -  | 44         |         | +       | +-                 | 十                  | ╁        | +-           | ╁        | H        | H                            | -          | 94       |        | $\vdash$         | $\dashv$                                       | +            | $^{\dagger}$ |          | +          | 1          | _  | 144          |          | $\dagger \exists$ | 一               | 士       | 士      | 1      | 1        | $\Box$   | j       |   |     |
|   |  | 45         |         | I       | I                  | I                  | I        | I            |          |          |                              |            | 95       |        |                  | コ  |              | I            | $\Box$   | 1          | ]          |  | 145          | 5        | $\Box$            |                 | $\Box$  | I      | Ţ      | I        | $\Box$   |         |   |     |
|   | $\vdash$   | 45         | 1       | Į.      | Ļ                  | F                  | Ļ        | $\perp$      | F        | -        | $\sqcup$                     |            | 96       |        | $\sqcup$         | 4  | +            | +            | ╀┤       |            | 4          | <u> </u>   | 146          |          | H                 | ⊢∔              | +       |        | +      | +        | ₩  |         |   |     |
|   | -  | 47         | ╁       | ╁       | ┿                  | ╁                  | +-       | +            | ╁        | ┿        | H                            | -          | 97       |        | $\vdash \vdash$  | +  | +            | +            | ╁┤       | +          | ┨          | -  | 148          |          | +                 | $\vdash$        | +       | +      | 十      | 十        | <del>                                     </del> | i       |   |     |
|   |  | 49         | Τ       | İ       | İ                  | T                  | 士        |              | T        |          | Ħ                            |            | 99       |        |                  | コ  | 士            | 工            | Ħ        | 士          | 1          |  | 149          | <u> </u> |                   |                 | 工       |        | I      | 工        |  | 1       |   |     |
|   |  | 50         | I       | I       | Ι                  | Γ                  | Ι        | П            | L        |          |                              |            | 100      | $\Box$ |                  | $\Box$   | $\perp$      | Ţ            | IJ       | $\perp I$  | J          |  | 150          | ıΓ       | $\Box$            | Ц               | $\perp$ | L      | _ل_    |          |  | j       |   |     |